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PATENT
Attorney Docket No. 0180.0036

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Appl. No. 10/521,714
Filed: January 19, 2005
Title: Superlattice Nanopatterning of Wires and Complex Patterns
Applicant: Heath, et al.
Group Art Unit: n/a
Examiner: n/a

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

Sir:

In recognition of the continuing duty to disclose all relevant and material information of which they are aware, applicants direct the Examiner's attention to the attached PTO Form SB/08A. Copies of all non - US Patent citations are enclosed.

Dated: August 10, 2005

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	10/521,714
Filing Date	January 19, 2005
First Named Inventor	James R. Heath
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	0180.0036

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

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Sheet 2 of 3

Complete if Known	
Application Number	10/521,714
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First Named Inventor	James R. Heath
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	0180.0036

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
	1	Battiston, F.M., J.P. Ramseyer, et al. (2001). "Chemical sensor based on a microfabricated cantilever array with simultaneous resonance-frequency and bending readout" Sensors and Actuators B-Chemical 77(1-2): 122-131.	
	2	Cleland, A.N. and M.L. Roukes (1996). "Fabrication of High Frequency Nanometer Scale Mechanical Resonators from Bulk Si Crystals." Applied Physics Letters 69(18): 2653-2655.	
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	4	Cui, Y., Q.Q. Wei, et al. (2001). "Nanowire nanosensors for highly sensitive and selective detection of biological and chemical species." Science 293(5533): 1289-1292.	
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	7	Kong, J., N.R. Franklin, et al. (2000). "Nanotube molecular wires as chemical sensors." Science V287(N5453):622-625.	
	8	Kong, J., M.G. Chapline, et al. (2001). "Functionalized carbon nanotubes for molecular hydrogen sensors." Advanced Materials V13(N18): 1384-1386.	
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Sheet 3 of 3

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	11	Chou, Stephen Y., et al. (1996). "Imprint Lithography With 25-Nanometer Resolution" Science, Vol. 272, pp. 85-87, 5 April 1996.	
	12	Melosh, N.A., et al. (2003). "Ultrahigh-Density Nanowire Latices and Circuits" Science, Vol. 300, pp. 112-115, 4 April 2003.	

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